

JANUARY 18, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

EMC CORPORATION
LEANNE J. FITZGERALD
35 PARKWOOD DR.
HOPKINTON, MA 01748

COPY



101902560A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/28/2001

REEL/FRAME: 012317/0213
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FILEPOOL N.V., FORMERLY KNOWN AS
WAVERESEARCH N.V.

DOC DATE: 11/26/2001

ASSIGNEE:

EMC CORPORATION
35 PARKWOOD DRIVE
OFFICE OF THE GENERAL COUNSEL
HOPKINTON, MASSACHUSETTS 01748

SERIAL NUMBER: 09236366
PATENT NUMBER:

FILING DATE: 01/21/1999
ISSUE DATE:

SERIAL NUMBER: 09235146
PATENT NUMBER:

FILING DATE: 01/21/1999
ISSUE DATE:

SERIAL NUMBER: 09391360
PATENT NUMBER:

FILING DATE: 09/07/1999
ISSUE DATE:

012317/0213 PAGE 2

TONYA LEE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-28-2001

Form PTO-1595
(Rev. 03/01)

RE

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

101902560

Tab settings → → →

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

FilePool N.V., formerly known as WaveResearch N.V.

2. Name and address of receiving party(ies)

Name: EMC CorporationInternal Address: Office of the General CounselAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 35 Parkwood DriveCity: Hopkinton State: MA Zip: 01748Execution Date: November 26, 2001Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

09/236,36609/235,146

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Leanne J. FitzgeraldInternal Address: EMC CorporationStreet Address: 35 Parkwood DriveCity: Hopkinton State: MA Zip: 017486. Total number of applications and patents involved: 37. Total fee (37 CFR 3.41).....\$ 120.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

05-0889

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Leanne J. Fitzgerald
Name of Person Signing[Signature]
Signature11.28.01
DateTotal number of pages including cover sheet, attachments, and documents 5Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Form PTO-1595

(Rev. 03/01)

OMB No. 0851-0027 (exp. 5/31/2002)

**RECORDATION FORM COVER SHEET
PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office**1. Name of conveying party(ies):**

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No**2. Name and address of receiving party(ies)**

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

3. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No**4. Application number(s) or patent number(s):**

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)09/391,360

B. Patent No.(s)

Additional numbers attached?

☐ Y ☒ N

PATENT ASSIGNMENT

WHEREAS, FilePool N.V., formerly known as WaveResearch N.V., a Belgium corporation having a principal place of business at Zorgvliet 17, 2860 Sint-Katelijne-Waver, Belgium, hereinafter referred to as "ASSIGNOR," is the owner of the entire right, title and interest in and to certain pending U.S. patent applications identified in Exhibit A hereto, and in and to the inventions described therein, (collectively "the Assigned Patent Application"); and

WHEREAS, EMC CORPORATION, a Massachusetts corporation having its principal place of business in Hopkinton, Massachusetts, hereinafter referred to as "ASSIGNEE", desires to acquire ASSIGNOR's entire right, title and interest in and to the Assigned Patent Application;

WHEREAS, ASSIGNOR and ASSIGNEE have entered into a Stock and Asset Purchase Agreement dated as of March 28, 2001 pursuant to which ASSIGNEE has agreed to purchase from ASSIGNOR, and ASSIGNOR has agreed to sell to ASSIGNEE, among other things, the Assigned Patent Applications.

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has assigned, and by these presents does assign to ASSIGNEE its entire right, title and interest in and to the Assigned Patent Applications, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States. The right, title and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this assignment not been made, for the full term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, conversion, reissue, prolongation or extension thereof.

ASSIGNOR further agrees that ASSIGNOR will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of the Assigned Patent Applications, (b) execute, verify, acknowledge and deliver all such further papers, including, without limitation, patent applications, and instruments of transfer thereof, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain the Assigned Patent Applications and any Patents issuing therefrom in any and all countries, and to vest and perfect title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, this Agreement is executed this 26th day of

November, 2001.

FilePool N.V., fka Wave Research N.V.

By:



PAUL T. DACIER

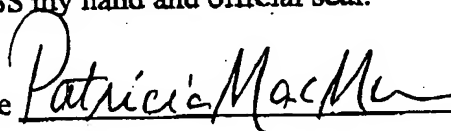
Sr. Vice President and General Counsel

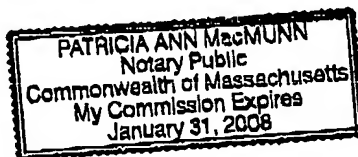
COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)

On November 26, 2001, before me, a notary public, *Paul T. Dacier, Senior Vice President and General Counsel*, personally appeared and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the entity upon behalf of which the person acted, execute the instrument.

WITNESS my hand and official seal.

Signature

 (Seal)



PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent and Trademark Office

on 11/28/01
Date

Patricia MacMunn
Signature

Patricia MacMunn
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

The following papers listed below are submitted:

Assignment Recordation Cover Sheet, Patent Assignment from FilePool N.V. fka WaveResearch N.V. to EMC Corporation with attached Exhibit A for Patent Applications:

- 1) Serial No. 09/236,366 Assignment recorded April 19, 1999 to WaveResearch N.V.,
Reel/Frame 09880/0944
- 2) Serial No. 09/235,146 Assignment recorded October 8, 1999 to WaveResearch N.V.,
Reel/Frame 10308/0823
- 3) Serial No. 09/391,360 Assignment recorded March 14, 2000 to WaveResearch N.V.,
Reel/Frame 10687/0055

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Facsimile**EMC²**

Where Information Lives

**EMC Corporation
Office of the General Counsel
35 Parkwood Drive
Hopkinton, Massachusetts**

**Fax: 508-293-7189
Voice: 508-293-6260**

To: Assignment Division Co: USPTO Tel: Fax: 703-308-7124		Date: 28 November 2001
From: Leanne J. Fitzgerald		No. pages including this cover sheet 7

THE INFORMATION CONTAINED IN THESE DOCUMENTS MAY BE PRIVILEGED AND CONFIDENTIAL AND IS INTENDED FOR THE EXCLUSIVE USE OF THE ADDRESSEE DESIGNATED ABOVE. UNLESS YOU ARE THE ADDRESSEE NAMED ABOVE (OR AUTHORIZED TO RECEIVE FOR THE ADDRESSEE), YOU MAY NOT READ, COPY, USE OR DISTRIBUTE IT. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE AT (508) 435-1000, EXTENSION 76260 AND RETURN THE ORIGINAL FACSIMILE TO US AT THE ADDRESS ABOVE VIA THE UNITED STATES POSTAL SERVICE. WE WILL REIMBURSE ANY COSTS YOU INCUR IN NOTIFYING US AND RETURNING THE FACSIMILE TO US. THANK YOU.

CONFIDENTIAL

EXHIBIT A**PENDING UNITED STATES PATENT APPLICATIONS**

U.S. Serial No.	Title	Inventors	Filing Date	Assignment Data
09/236,366	Content Addressable Information Encapsulation, Representation, and Transfer	Paul R. Carpentier Jan F. Van Riel Tom Teugels	January 21, 1999	Assignment from Paul R. Carpentier, Tom Teugels, and Jan F. Van Riel to Wave Research N.V. dated April 12, 1999.
09/235,146	Access to Content Addressable Data Over A Network	Paul R. Carpentier Jan F. Van Riel Tom Teugels	January 21, 1999	Assignment from Paul R. Carpentier, Tom Teugels, and Jan F. Van Riel to Wave Research N.V. dated October 8, 1999.
09/391,360	System and Method for Secure Storage, Transfer and Retrieval of Content Addressable Information	Paul R. Carpentier Jan F. Van Riel Tom Teugels	September 7, 1999	Assignment from Paul R. Carpentier, Tom Teugels, and Jan F. Van Riel to Wave Research N.V. dated March 14, 2000.

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

COPY

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Paul R. Carpentier
- b) Jan F. Van Riel
- c) Tom Teugels

2. Name and address of receiving party(ies):

- a) Name: Wave Research N.V.
Address: Zorgvliet 17
2860 Sint-Katelijne-Waver
BELGIUM

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: September 15, 1999

4. Application Number(s) or Patent Number(s): 09/235,146

The title of the (new) application is: ACCESS TO CONTENT ADDRESSABLE DATA OVER A NETWORK

5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434

BEYER & WEAVER, LLP
P.O. Box 61059
Palo Alto, CA 94306
Telephone (650) 493-2100
Fax (650) 493-2102

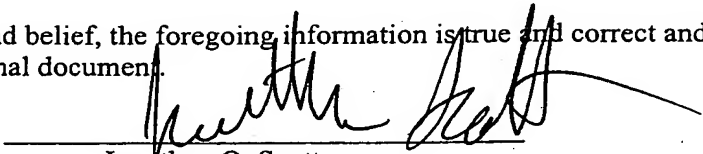
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
- ☒ Any additional fees are authorized to be charged to Deposit Account No. 50-0388 (Order No. WRSHP003)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: October 8, 1999


Jonathan O. Scott
Registration No. 39,364

ASSIGNMENT OF PATENT APPLICATION
(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

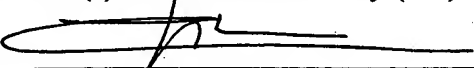
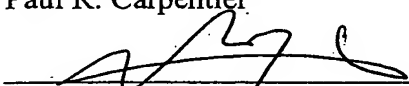
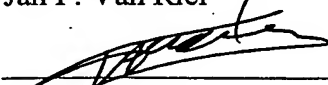
ACCESS TO CONTENT ADDRESSABLE DATA OVER A NETWORK

for which I (we) have executed an application for a United States Letters Patent, the application which was filed in the U.S. Patent and Trademark Office on January 21, 1996, and which bears the Application No. 09/235,146.



For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Wave Research N.V., a Belgium corporation having a place of business at Zorgvliet 17, 2860 Sint-Katelijne-Waver, BELGIUM, (hereinafter referred to as 'ASSIGNEE'), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|--|------------------------|
| 1) | Signature:  | Date: <u>15 SEP 99</u> |
| | Typed Name: Paul R. Carpentier | |
| 2) | Signature:  | Date: <u>15 SEP 99</u> |
| | Typed Name: Jan F. Van Riel | |
| 3) | Signature:  | Date: <u>15 SEP 99</u> |
| | Typed Name: Tom Teugels | |

This assignment should preferably be signed before a Notary Public if within the United States of America. If outside the United States of America, then it should be signed before two witnesses who also sign below:

- | | | |
|----|--|------------------------|
| 1) | Signature:  | Date: <u>15 SEP 99</u> |
| 2) | Signature:  | Date: <u>15 SEP 99</u> |

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies): Paul R. Carpentier, Jan F. Van Riel, Tom Teugels
2. Name and address of receiving party(ies):
a) Name: Wave Research N.V.
Address: Zorgvliet 17
2860 Sint-Kalelijne
BELGIUM

3. Nature of conveyance
- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: April 1, 1999

4. Application Number(s) or Registration Number(s): 09/236,366

The title of the (new) application is: CONTENT ADDRESSABLE INFORMATION
ENCAPSULATION, REPRESENTATION, AND TRANSFER

5. Please send all correspondence concerning this (these) documents to:

Jonathan O. Scott
BEYER & WEAVER, LLP
P.O. Box 61059
Palo Alto, CA 94306
Tel. No.: (650) 493-2100
Fax No.: (650) 493-2102

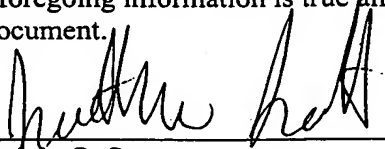
6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☒ If any additional fees are required the commissioner is authorized to charge such fees
to Deposit Account No. 50-0388 (Order No. WRSH002)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document.

Date: April 6, 1999



Jonathan O. Scott
Registration No. 39,364

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

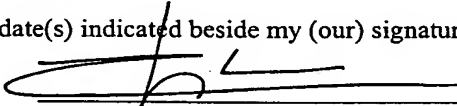
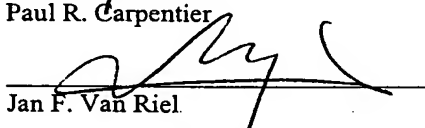

CONTENT ADDRESSABLE INFORMATION ENCAPSULATION, REPRESENTATION, AND TRANSFER

for which I (we) have executed an application for a United States Letters Patent, the application which was filed in the U.S. Patent and Trademark Office on January 21, 1999, and which bears the Application No. 09/236,366.

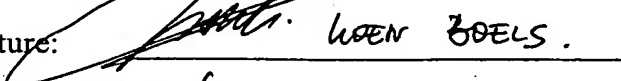
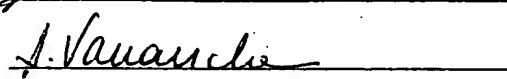
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Wave Research N.V., a Belgium corporation having a place of business at Zorgvliet 17, 2860 Sint-Katelijne-Waver, BELGIUM, (hereinafter referred to as 'ASSIGNEE'), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|--|-------------------------|
| 1) | Signature:  | Date: <u>4/1/99</u> |
| | Typed Name: Paul R. Carpentier | |
| 2) | Signature:  | Date: <u>4 APR 1999</u> |
| | Typed Name: Jan F. Van Riel | |
| 3) | Signature:  | Date: <u>4/1/99</u> |
| | Typed Name: Tom Feugels | |

This assignment should preferably be signed before a Notary Public if within the United States of America. If outside the United States of America, then it should be signed before two witnesses who also sign below:

- | | | |
|----|--|----------------------------|
| 1) | Signature:  | Date: <u>4 APR 1999</u> |
| 2) | Signature:  | Date: <u>April 1, 1999</u> |

ANNELEEN VANASSCHE

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. WRSH002

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on January 21, 1999 as
U.S. Application No. 09/236,366
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application Serial No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Benefits Claimed?

_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>60/072,316</u> (Application No.)	<u>01/23/98</u> (Filing Date)
_____ (Application No.)	_____ (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

And I hereby appoint the law firm of Beyer & Weaver, LLP, including Steve D Beyer (Reg. No. 31,234); Jeffrey K. Weaver (Reg. No. 31,314); Joseph A. Nguyen (Reg. No. 37,899); C. Douglass Thomas (Reg. No. 32,947); Jonathan O. Scott (Reg. No. 39,364); Harmohinder S. Bedi (Reg. No. 39,904); James E. Austin (Reg. No. 39,489); Rupak Nag (Reg. No. 37,493); Joseph M. Villeneuve (Reg. No. 37,460); Michael L. Louie (Reg. No. 36,988); Peggy A. Su (Reg. No. 41,336); Mary R. Olynick (Reg. No. 42,963); Dean E. Wolf, (Reg. No. 37,260); Elise R. Heilbrunn (Reg. No. 42,649); Grace C. Chang (Reg. No. 41,396) and Michael J. Ferrazano (Reg. No. 44,105) as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Send Correspondence To: Jonathan O. Scott
BEYER & WEAVER, LLP
P.O. BOX 61059
Palo Alto, California 94306

Direct Telephone Calls To: Jonathan O. Scott at telephone number (650) 493-2100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: Paul R. Carpentier

Citizenship: Belgium

Inventor's signature: 

Date of Signature: 4/1/99

Residence: (City) Boechout

(State/Country) Belgium

Post Office Address: Heuvelstraat 40, B-2530 Boechout, Belgium

Full Name of Second Joint

Inventor (if any): Jan F. Van Riel

Citizenship: The Netherlands

Inventor's signature: 

Date of Signature: 1 APR 1999

Residence: (City) Geel

(State/Country) Belgium

Post Office Address: Gooreind 43C, B-2440 Geel, Belgium

Full Name of Third Joint

Inventor (if any): Tom Teugels

Citizenship: Belgium

Inventor's signature: 

Date of Signature: 4/1/99

Residence: (City) Schoten

(State/Country) Belgium

Post Office Address: Rozenlaan 26, B-2900 Schoten, Belgium

COPY

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. WRSHP003

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ACCESS TO CONTENT ADDRESSABLE DATA OVER A NETWORK** the specification of which,

(check one)

1. ☐ is attached hereto.
2. ☒ was filed on January 21, 1996 as
U.S. Application No. 09/235,146
and was amended on _____.
3. ☐ was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR § 1.56.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

			Priority Benefits Claimed?
			Yes ___ No ___
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	
_____ (Application No.)	_____ (Country)	_____ (Filing Date)	Yes ___ No ___

Provisional Application(s)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

_____ (Application No.)	_____ (Filing Date)
_____ (Application No.)	_____ (Filing Date)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
_____ (Application No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)

Power of Attorney

And I hereby appoint the law firm of Beyer & Weaver, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER & WEAVER, LLP
P.O. Box 61059
Palo Alto, CA 94306



Direct Telephone Calls To:

Jonathan O. Scott at telephone number (650) 493-2100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**Typewritten Full Name of
Sole or First Inventor:**

Paul R. Carpentier

Citizenship: Belgium

Inventor's signature:

[Signature]

Date of Signature: 15 SEP 99

Residence: (City) Boechout

(State/Country) Belgium

Post Office Address: Heuvelstraat 40, B-2530 Boechout, Belgium

**Full Name of Second Joint
Inventor (if any):**

Jan F. Van Riel

Citizenship: The Netherlands

Inventor's signature:

[Signature]

Date of Signature: 15 SEP 99

Residence: (City) Geel

(State/Country) Belgium

Post Office Address: Gooreind 43C, B-2440 Geel, Belgium

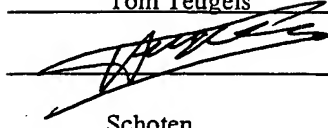
Full Name of Third Joint
Inventor (if any):

Tom Teugels

Citizenship:

Belgium

Inventor's signature:



Date of Signature:

15 SEP 99

Residence:

(City)

Schoten

(State/Country)

Belgium

Post Office Address:

Rozenlaan 26, B-2900 Schoten, Belgium